

ABSTRACT OF THE DISCLOSURE (mark-up)

~~The present invention is directed to a~~A wireless communication system capable of keeping a level of a wireless signal received by a relay apparatus (20)-within a predetermined dynamic range. In a control apparatus-(10), a transmitting section (102)-converts a downstream electric signal into a downstream optical signal and transmits the downstream optical signal to the relay apparatus (20)-via an optical transmission path-(40). The relay apparatus (20)-converts the received downstream optical signal into a downstream electric signal and transmits the downstream electric signal as a wireless signal to a wireless communication terminal (30)-from a transmitting/receiving antenna section-(204). In the relay apparatus-(20), a level adjustment section (207)-adjusts the level of the wireless signal transmitted by the relay apparatus (20)-such that the receiving level of the wireless signal received by the relay apparatus is kept within a predetermined range.